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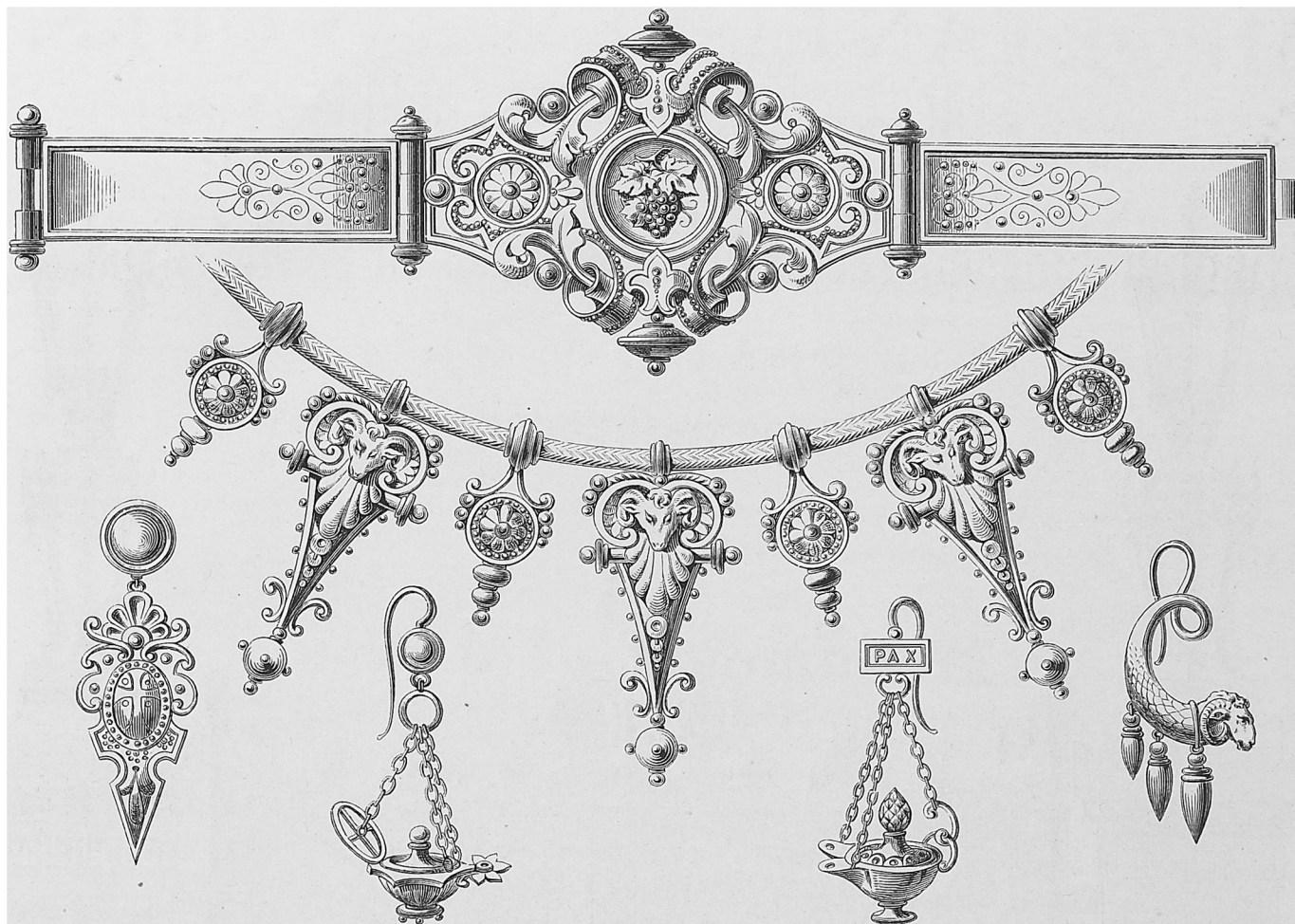
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Nos. 18—23. Roman Jewellery, designed and manufactured by Mr. C. Ansorge in Rome.

VARIOUS.

RESTORATION OF BURNT STEEL.

J. L. Davies gives the following simple and efficacious plan of restoring to steel which has once been burnt its usual valuable qualities, by the use of a fluid which leaves scarcely anything to be desired on the score of cheapness and utility.

Chisels, &c., which have been burnt and rendered useless may be restored as follows:—the burnt steel must be heated red hot, then plunged into the “restitutor” for a few seconds; then reheated and cooled in the ordinary way. The steel after this process is perfectly restored.

The fluid is simply resin oil mixed with about a fourth of its weight of the residue of paraffin stills.

Iron.

REGENERATION OF STEEL.

Several swords, valued not only for their workmanship and temper, but for the circumstances under which the owner had become possessed of them, had been reduced by a fire to the condition apparently of twisted pieces of hoop iron. They were sent to Birmingham, and some time afterwards returned in a condition “differing but little from what they had been before their fiery

ordeal.” The swords had been hung upon the walls, and afterwards, when disinterred from the ruins, were “mere crumpled bits of burnt and rusty iron.” Messrs. Wilkinson say that it is often of great importance that the outer scale left by the fire should not be removed, nor any attempt at cleaning the surface be made unless by experienced hands. In the case of sword blades especially, they find that the minutest details of embossed ornament can generally be traced over the outer scale of burnt steel, and may be copied and restored unless obliterated by friction. Inlaid or damascened gold work on steel will stand a very high degree of heat without being destroyed, and the figure of the genuine Damascus blades, being a part of the structure of the metal, can be restored as long as any of the steel remains.

Iron.

A COMICAL CHAIR.

Sir W. Penn had a chair known as King Harry’s chair, in which, whenever a stranger sat down, he found himself suddenly in the grasp of two powerful but inanimate arms, and exposed, for as long as the bystanders pleased, to their jests and merriment.

The Furniture Gazette.